



## Memorandum

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**To:** Provosts and Chief Academic Officers

**From:** Faculty Panel Lead, Ohio Transfer 36 Natural Sciences  
Faculty Panel Leads, Transfer Assurance Guides, Chemistry, Biology,  
Physics, Geology, Anatomy and Physiology, and Anthropology

**Date:** April 28, 2023

**Subject:** UPDATE: Transfer Assurance Guide (TAG) and Ohio Transfer 36 Natural  
Sciences Laboratory Clarification Statement

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In working together with the Natural Sciences Ohio Transfer 36 and various Transfer Assurance Guide (TAG) discipline faculty panel leads, and as a state over the past three years to assist students with the impacts of COVID-19, it has come to our attention that further clarification of laboratories is required for the area of Ohio Transfer 36 and TAGs.

Below you will find the breakdown of laboratory modalities per transfer area(s).

### **TAG Courses** ***(Pre-Major and Beginning Major Courses):***

#### **Organic Chemistry**

- It has been determined by the TAG faculty review panel that course labs should be held in-person.

#### **General Chemistry**

- It has been determined by the TAG faculty review panel that course labs should be held in-person.

#### **Biology**

- It has been determined by the TAG faculty review panel that course labs should be held in-person. Please note, for majors' courses in the Biology TAG, labs should consist substantially of in-person activities (i.e., face-to-face) however, some laboratory exercises with on-line/remote activities could be acceptable within the primarily face-to-face course.

### **Physics**

- It has been determined by the TAG faculty review panel that course labs should be held in-person. Please note, for majors' courses in the Physics TAG, labs should consist substantially of in-person activities (i.e., face-to-face) however, some laboratory exercises with on-line/remote activities could be acceptable within the primarily face-to-face course.

### **Geology**

- It has been determined by the TAG faculty review panel that course labs should be held in-person with the exception of OSC026- Historical Geology with Lab. It has been determined by the TAG panel co-leads for the area of OSC026-Historical Geology with Lab that all laboratory modalities will be considered and reviewed on a case-by-case basis.

### **Anatomy and Physiology**

- It has been determined by the TAG faculty review panel for the area of Anatomy and Physiology that all laboratory modalities will be considered and reviewed on a case-by-case basis.

### **Anthropology**

- It has been determined by the TAG faculty review panel that all courses will be considered for review regardless of modality.

### **IMPORTANT SUBMISSION NOTE:**

- As institutions work on course approvals for both TAG and Ohio Transfer 36, TAG distance/virtual laboratory courses should be approved prior to gaining Ohio Transfer 36 approval. This process allows for the Ohio Transfer 36 faculty review panel to determine if a course has already gained approval for various laboratory modalities within pre-major/beginning major coursework.
- Anthropology is an exception to this process; the TAG and Ohio Transfer 36 panel leads have determined simultaneous reviews are acceptable.

### **Natural Sciences Ohio Transfer 36 Courses (Subset or Complete Set of General Education Lower-Level Courses):**

- It has been determined by the Natural Sciences Ohio Transfer 36 panel lead that all laboratory modalities will be considered and reviewed on a case-by-case basis.

- An overview of Ohio Transfer 36 Natural Sciences Laboratory requirements can be found [here](#).
- Additional directions and tips for submitting proposals may be found [here](#).

Please note general definitions of Natural Sciences laboratory modalities\* below:

- **In-Person Labs:** labs are held fully in-person (*face-to-face*)
- **Online Labs:** labs are held fully online (*remotely*)
- **Hybrid/Blended Labs:** labs partially in-person and partially online (*one course has labs offered in both modalities for a single offering in this instance*)

\* Course proposals that include a course offered in more than one modality should include a narrative that describes how each course modality will achieve all of the learning outcomes. Hybrid/blended proposals should identify which laboratory modality is being used for each component of the lab and provide broad estimate of the proportion of the laboratory time that is in-person vs online.